



Atty. Dkt. No. 045237-0126

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yasuhiro OKUBO et al.

Title: DIGITAL DISPLAY APPARATUS FOR VEHICLE AND METHOD OF
DISPLAYING INFORMATION

Appl. No.: 10/743,541

Filing Date: 12/23/2003

Examiner: Tom V. SHENG

Art Unit: 2629

Confirmation 5787
Number:

01/05/2007 HMAR/11 00000017 10743541

01 FC:1814

130.00 OP

01/05/2007 HMAR/11 00000025 10743541

01 FC:1814

130.00 OP

TERMINAL DISCLAIMER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Your Petitioner, Ichikoh Industries, Ltd., having its principal place of business at 10-18, Higashigotanda 5-chome, Shinagawa-ku, Tokyo, 144-0022 Japan, represents that it is the owner of the entire right, title, and interest in and to U.S. Patent Application Serial No. 10/743,541, filed 12/23/2003, by virtue of an Assignment filed and recorded on June 4, 2004, on Reel/Frame 015422/0654, in the United States Patent and Trademark Office, a copy of which is attached hereto as APPENDIX A. Further, your Petitioner represents that it is the owner of U.S. Patent No. 6,969,183, which issued on U.S. Patent Application No. 10/744,132, filed December 24, 2003, by virtue of an Assignment filed and recorded on Reel/Frame 015515/0852, in the United States Patent and Trademark Office, a copy of which is attached hereto as APPENDIX B.

Your Petitioner, Ichikoh Industries, Ltd., hereby disclaims the terminal part of the term of any patent granted on the above identified patent application which would extend beyond the full statutory term, as shortened by any terminal disclaimer, of U.S. Patent

6,969,183, and hereby agrees that any patent so granted on the above identified patent application shall be enforceable only for and during such period that the legal title to U.S. Patent 6,969,183 shall be the same as the legal title to any patent granted on the above identified patent application, this agreement to run with any patent granted on the above identified patent application and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, Petitioner does not disclaim any terminal part of any patent granted on the above identified patent application, prior to the full statutory term of U.S. Patent 6,969,183 as defined in 35 U.S.C. §§154-156 and 173, in the event that U.S. Patent 6,969,183 expires for failure to pay a maintenance fee, is held unenforceable or is found invalid in a final judgment by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321(a), has all claims canceled by a reexamination certificate or as a result of an interference proceeding, or is otherwise not deemed to provide the rights conveyed by 35 USC §154, prior to the full statutory term of U.S. Patent 6,969,183 as defined in 35 USC §§154-156 and 173, except for the separation of legal title stated above. Further, Petitioner does not disclaim any terminal part of a patent granted on the above identified patent application that would extend beyond the present termination of U.S. Patent 6,969,183, in the event that such present term is extended by virtue of compliance with the conditions for term extension of any present or future patent term extension provisions of the patent law, including but not limited to 35 U.S.C. §§155, 155A or 156, and without waiving Petitioner's right to extend the term of a patent granted on the above identified patent application to the extent provided by law.

The undersigned, being the Attorney of Record for the above identified patent application, and duly authorized to act on behalf of Petitioner, certifies that he has reviewed the Assignments attached as APPENDICES A and B, and to the best of his knowledge and belief, legal title to the above identified patent application and U.S. Patent 6,969,183 rests with Petitioners, Ichikoh Industries, Ltd.. The undersigned declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under

Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-identified application or any patent issuing therefrom.

Respectfully submitted,

Date January 4, 2007

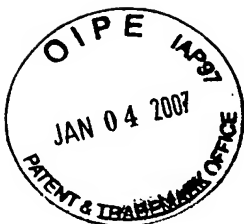
FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 945-6162
Facsimile: (202) 672-5399

By Thomas G. Bilodeau

Pavan K. Agarwal
Attorney for Applicant
Registration No. 40,888

Thomas G. Bilodeau
Attorney for Applicant
Registration No. 43,438

APPENDIX A



045237-0126

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 08, 2004

PTAS



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FOLEY & LARDNER LLP
PAVAN K. AGARWAL
3000 K STREET, N.W., SUITE 500
WASHINGTON HARBOUR
WASHINGTON, D.C. 20007-5143

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/04/2004

REEL/FRAME: 015422/0654
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 045237-0126

ASSIGNOR:
OKUBO, YASUHIRO

DOC DATE: 01/30/2004

ASSIGNOR:
HAYASHI, SEIJI

DOC DATE: 01/30/2004

ASSIGNEE:
ICHIKOH INDUSTRIES, LTD.
10-18, HIGASHIGOTANDA 5-CHOME
SHINAGAWA-KU, TOKYO 144-0022, JAPAN

SERIAL NUMBER: 10743541

FILING DATE: 12/23/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: DIGITAL DISPLAY APPARATUS FOR VEHICLE AND METHOD OF DISPLAYING INFORMATION

.0,5422/0654 PAGE 2

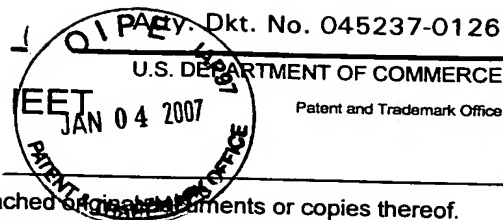
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ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-09-2004

RECO



102762108



To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

Yasuhiro OKUBO
Seiji HAYASHI

2. Name and address of receiving party(ies):

Ichikoh Industries, Ltd.
10-18, Higashigotanda 5-chome
Shinagawa-ku
Tokyo, 144-0022 Japan

Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

January 30, 2004

Additional name(s) & address(es) attached?

NO

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s):

10/743,541

B. Patent Number(s):

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Pavan K. Agarwal
FOLEY & LARDNER LLP
Washington Harbour
3000 K Street, N.W., Suite 500
Washington, D.C. 20007-5143

6. Total number of applications/patents involved:

1

7. Total fee (37 C.F.R. § 3.41):

\$40.00

☒ Check Enclosed

Charge to deposit account

8. Deposit account number:

19-0741

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Pavan K. Agarwal

June 4, 2004

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

06/08/2004 DBYRNE 00000097 10743541

01 FC:8021

40.00 0P

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and **ICHIKOH INDUSTRIES, LTD.**
address of **10-18, Higashigotanda 5-chome, Shinagawa-ku**
assignee **Tokyo 144-0022, Japan**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of
invention

DIGITAL DISPLAY APPARATUS FOR VEHICLE AND METHOD OF DISPLAYING INFORMATION

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith
☐ executed on _____
☒ Serial No 10/743,541 filed December 23, 2003

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

<i>NAMES AND SIGNATURES OF INVENTORS</i>		
Name: Yasuhiro OKUBO	Signature: Yasuhiro Okubo	Date: Jan. 30, 2004
Name: Seiji HAYASHI	Signature: Seiji HAYASHI	Date: Jan. 30, 2004
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

APPENDIX B



045237-0127

UNITED STATES PATENT AND TRADEMARK OFFICE

USP 6,969,183

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 05, 2005

PTAS

FOLEY & LARDNER LLP
PAVAN K. AGARWAL
3000 K STREET, N.W., SUITE 500
WASHINGTON HARBOUR
WASHINGTON, D.C. 20007-5143



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RECORDATION DATE: 06/29/2004

REEL/FRAME: 015515/0852
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 045237-0127

ASSIGNOR:
OKUBO, YASUHIRO

DOC DATE: 01/24/2004

ASSIGNOR:
HAYASHI, SEIJI

DOC DATE: 01/24/2004

ASSIGNEE:
ICHIKOH INDUSTRIES, LTD.
10-18, HIGASHIGOTANDA 5-CHOME
SHINAGAWA-KU
TOKYO, 144-0022, JAPAN

015515/0852 PAGE 2

SERIAL NUMBER: 10744132

FILING DATE: 12/24/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: DIGITAL LIGHTING APPARATUS FOR VEHICLE, CONTROLLER FOR DIGITAL
LIGHTING APPARATUS, AND CONTROL PROGRAM FOR DIGITAL LIGHTING
APPARATUS

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

6/29/04



Atty. Dkt. No. 045237-0127

FORM PTO-1595 (modified)

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102782976

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Patent and Trademark Office

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Yasuhiro OKUBO
Seiji HAYASHI

2. Name and address of receiving party(ies):

ICHIKOH INDUSTRIES, LTD.
10-18, Higashigotanda 5-chome
Shinagawa-ku
Tokyo, 144-0022 Japan

Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

January 24, 2004

Additional name(s) & address(es) attached?

NO

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s):

10/744,132

B. Patent Number(s):

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Pavan K. Agarwal
FOLEY & LARDNER LLP
Washington Harbour
3000 K Street, N.W., Suite 500
Washington, D.C. 20007-5143

6. Total number of applications/patents involved:

1

7. Total fee (37 C.F.R. § 3.41):

\$40.00

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Charge to deposit account

8. Deposit account number: 19-0741

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Pavan K. Agarwal

Name of person signing

Signature

June 29, 2004

Date

Total number of pages including cover sheet, attachments, and document: 3

07/01/2004 DBYRUE 00000093 10744132

01 FC:8021

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U.S. Rights—Sole or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and **ICHIKOH INDUSTRIES, LTD.**
address of **10-18, Higashigotanda 5-chome, Shinagawa-ku**
assignee **Tokyo 144-0022, Japan**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention

**DIGITAL LIGHTING APPARATUS FOR VEHICLE, CONTROLLER FOR DIGITAL
LIGHTING APPARATUS, AND CONTROL PROGRAM FOR DIGITAL LIGHTING
APPARATUS**

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith
☐ executed on _____
☒ Serial No 10/744,132 filed December 24, 2003

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

<i>NAMES AND SIGNATURES OF INVENTORS</i>		
Name: Yasuhiro OKUBO	Signature: <i>Yasuhiro Okubo</i>	Date: Jan. 24, 2004
Name: Seiji HAYASHI	Signature: <i>Seiji HAYASHI</i>	Date: Jan. 24, 2004
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
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